

Nate Heath

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EDUCATION

University of Cincinnati | Cincinnati, OH
Master of Engineering, Computer Science
Bachelor of Science, Computer Science

Expected Graduation: May 2027

GPA: 3.973

Coursework: Artificial Intelligence, Programming Languages, Python Programming, Data Structures

SKILLS

Programming: Python, JavaScript/TypeScript, CSS/Sass, HTML, C#, C++, VBA, MATLAB

Software: Angular, .NET, Git, HeidiSQL, Postman, Insomnia, Visual Studio, VS Code, Jira

Other: Basic machine learning techniques, Computer hardware

EXPERIENCE

Full Stack Software Developer - London Computer Systems | Cincinnati, OH

May 2024 - Aug 2024

- Applied technical and critical thinking skills to efficiently complete over 60 tickets of code changes and/or additions
- Regularly participated in pair-programming practices to learn alongside experienced, veteran developers

Quality Assurance Tester - London Computer Systems | Cincinnati, OH

Aug 2023 - Dec 2023

- Thoroughly tested over 120 tickets to verify the quality of proposed code changes
- Coordinated with 14 other team members via daily scrum meetings and bi-weekly sprint planning and retrospective meetings to effectively improve a help-desk software, qManage

PROJECTS

Data Structures

Apr 2024

- Led the creation of a program to research the efficiency of various data structures such as binary search trees, hash tables, graphs, linked lists, stacks, and queues

Kaggle

Jan 2023

- Finished the Intro to Machine Learning course
- Submitted a model to predict housing prices in Melbourne using a Random Forest Regressor

Engineering and Design Thinking I - Mindstorms Robot Project

Sep 2022 - Dec 2022

- Collaborated with others to blueprint, prototype, test, and troubleshoot multiple LEGO robots
- Guided the programming of a LEGO robot to follow various lines and detect, pick up, and drop off packages

LEADERSHIP/SERVICE

Operation Christmas Child

Nov 2013 - Current

- Cooperated to assemble about 200 gift boxes for children in third-world countries

Hoxworth Blood Center

Sep 2020 - Current

- Donated 8+ pints of blood for use in life-saving scenarios

Section Leader - Finneytown Marching Band | Cincinnati, OH

June 2021 - May 2022

- Oversaw and motivated a group of 9 section members to achieve a 2nd place finish at Mid-States Finals

Team Captain - Finneytown Bowling Team | Cincinnati, OH

Nov 2021 - Feb 2022

- Commanded 8 bowlers to a 2nd place league finish and a 5th place finish at Districts Invitationals

AWARDS

- Dean's List: Fall 2022, Spring 2023, Spring 2024
- Scholarships: Cincinnati, Students in STEM, Cliff Stegman, CEAS General
- Salutatorian - Finneytown High School
- NMSC Commended Scholar (Top 50,000 PSAT scores in America, 2022)

AVAILABLE FOR CO-OP SPRING 2026